

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) Lamellar sedimentation module including two plates fixed together, at least one of these plates having corrugations the crests and the troughs whereof are inclined to a first edge of this plate at a non-zero angle and delimit with the other plate inclined sedimentation tubes, characterized in that the two plates (2, 3) have the same corrugated profile and are fixed together in connecting areas defining a plane of symmetry (P) for the tubes (4) defined by these plates.

2. (Original) Module according to claim 1, characterized in that the angle of inclination (α) is in the range 45°-65°.

3. (Original) Module according to claim 2, characterized in that the angle of inclination is in the range 55°-60°.

4. (Currently Amended) Module according to ~~any one of~~
~~claims 1 to 3~~ claim 1, characterized in that the crests (2A,
3A) and the troughs (2B, 3B) are of trapezoidal shape so that
the sedimentation tubes are of hexagonal shape.

5. (Currently Amended) Module according to ~~any one of~~
~~claims 1 to 4~~ claim 1, characterized in that the crests and
the troughs have identical profiles.

6. (Currently Amended) Module according to ~~any one of~~
~~claims 1 to 5~~ claim 1, characterized in that the two plates
are symmetrical to each other with respect to a plane of
symmetry of the tubes.

7. (Currently Amended) Module according to ~~any one of~~
~~claims 1 to 6~~ claim 1, characterized in that the plates are
identical to each other.

8. (Currently Amended) Module according to ~~any one of~~
~~claims 1 to 7~~ claim 1, characterized in that the plates are of
rectangular shape.

9. (Currently Amended) Module according to ~~any one of~~
~~claims 1 to 8~~ claim 1, characterized in that the tubes are
rectilinear throughout their length.

10. (Currently Amended) Lamellar sedimentation system
including at least one block (10) formed of a plurality of
plates at least one pair whereof constitute a module according
to ~~any one of claims 1 to 9~~ claim 1.

11. (Original) System according to claim 10,
characterized in that the block (10) includes at least two
modules assembled so that these modules conjointly delimit
other tubes (4'), these modules being fixed together in areas
defining a plane of symmetry for these other tubes.

12. (Original) System according to claim 11,
characterized in that these other tubes (4') have the same
section as the tubes (4) of each module.

13. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 12~~ claim 10, characterized in that the modules
are identical to each other.

14. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 13~~ claim 10, characterized in that the block is
of rectangular parallelepiped shape, the plates being parallel
to one of the faces of this block.

15. (Original) System according to claim 14,
characterized in that the plates are perpendicular to the
smallest dimension of the block.

16. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 15~~ claim 10, characterized in that the block is
disposed so that the plates are vertical and the first edge is
horizontal.

17. (Original) System according to claim 16,
characterized in that the block is provided with attachment
members by means whereof this block may be handled.

18. (Original) System according to claim 17,
characterized in that the block is suspended from a fixed
portion of the system.

19. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 16~~ claim 10, characterized in that the block
rests on a fixed portion of the system.

20. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 19~~ claim 10, characterized in that it includes at
least two juxtaposed identical blocks so that the tubes of one
of the blocks are in line with the tubes of the other block.

21. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 20~~ claim 10, characterized in that the block is
disposed near a tank wall to which the plates are
perpendicular, leaving a space between this block and this
wall.

22. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 21~~ claim 10, characterized in that the tubes have
a hydraulic diameter from 40 mm to 100 mm.

23. (Currently Amended) System according to ~~any one of~~
~~claims 10 to 22~~ claim 10, characterized in that the tubes have
a length from 15 to 30 times their hydraulic diameter.